Contents

Pneumothorax Catheters
  3 Pneumothorax Set
  4 Wayne Pneumothorax Set
  5 Cook® Emergency Pneumothorax Set
  6 Catheter Aspiration Set for Simple Pneumothorax
  7 Simple Pneumothorax Aspiration Accessory Set

Multipurpose Catheters
  8 Thal-Quick Chest Tube Sets – Single Lumen
  9 Thal-Quick Chest Tube Set – Double Lumen
  10 Thal-Quick Chest Tube Adapter
  11 Fuhrman Pleural/Pneumopericardial Drainage Sets
  12 Pleural/Pneumopericardial Drainage Sets
  13 Thoracentesis Set

Pericardiocentesis Catheters
  14 Pericardiocentesis Set
  15 Lock Pericardiocentesis Set
  16 Teitel Pediatric Pericardiocentesis Set

Peritoneal Lavage Catheters
  17 Peritoneal Lavage Set

Additional Information
  18 Educational Materials
  20 Resources & Acknowledgements
Pneumothorax Set
Used to treat spontaneous and tension pneumothorax.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Catheter Material</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pediatric</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G03465</td>
<td>C-TPTP-100</td>
<td>6.3</td>
<td>19</td>
<td>6</td>
<td>PTFE</td>
<td>21</td>
<td>12</td>
</tr>
<tr>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G03301</td>
<td>C-TPT-100</td>
<td>9.0</td>
<td>29</td>
<td>20</td>
<td>PTFE</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td>G03302</td>
<td>C-TPT-200</td>
<td>10.2</td>
<td>29</td>
<td>20</td>
<td>Polyurethane</td>
<td>18</td>
<td>20</td>
</tr>
</tbody>
</table>

FEATURES & BENEFITS
- Trocar placement.
- Adapter on tubing can be connected to a suction apparatus or to the Cook Chest Drain Valve.
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Needle
- Radiopaque catheter
- Cook Chest Drain Valve
- One-way stopcock
- Connecting tube
Wayne Pneumothorax Set
Used for the relief of simple, spontaneous, iatrogenic and tension pneumothorax.

**FEATURES & BENEFITS**
- Seldinger or trocar placement.
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Enlarged sideports enhance drainage of air.
- Radiopaque catheter enhances x-ray visualization.

**COMPONENTS**

**Seldinger Set**
- Introducer needle
- Wire guide
- Dilator
- Pigtail catheter
- Cook Chest Drain Valve

**Trocar Set**
- Needle obturator
- Pigtail catheter
- Cook Chest Drain Valve

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G11182</td>
<td>C-UTPT-1400-WAYNE-112497</td>
<td>14.0</td>
<td>29</td>
<td>19</td>
<td>18</td>
<td>5, 9</td>
</tr>
<tr>
<td>G09922</td>
<td>C-UTPT-1020-WAYNE</td>
<td>10.2</td>
<td>29</td>
<td>20</td>
<td>19</td>
<td>16.5</td>
</tr>
<tr>
<td>G07910</td>
<td>C-UTPT-1400-WAYNE</td>
<td>14.0</td>
<td>29</td>
<td>20</td>
<td>19</td>
<td>16.5</td>
</tr>
</tbody>
</table>

*Set also includes scalpel, three-way stopcock and connecting tube.
Cook® Emergency Pneumothorax Set

Used for emergency relief and temporary management of suspected tension pneumothorax.

**FEATURES & BENEFITS**

- Catheter-over-needle placement.
- Reinforced catheter prevents collapse after placement.
- Cook Chest Drain Valve permits continued re-expansion of the lung, preventing inadvertent backflow of air into the pleural space.

**COMPONENTS**

- Catheter introducer needle
- Cook Chest Drain Valve
- One-way stopcock
- Connecting tube
- Catheter fixation device
- Syringe
- Transparent tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Needle gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>G27292</td>
<td>C-TPTSJ-8.5-6.0-FSNS</td>
<td>8.5</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td>G55525</td>
<td>C-TPTSJ-8.5-8.7-FSNS</td>
<td>8.5</td>
<td>8.7</td>
<td>18</td>
</tr>
<tr>
<td>G55522</td>
<td>C-TPT-8.5-8.7-SPOPS</td>
<td>8.5</td>
<td>8.7</td>
<td>15</td>
</tr>
</tbody>
</table>
Catheter Aspiration Set for Simple Pneumothorax

Used to treat simple and tension pneumothorax.

FEATURES & BENEFITS
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Introducer needle
- Wire guide
- Radiopaque catheter
- Three-way stopcock

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G05296</td>
<td>C-CASP-901-FORD</td>
<td>9.0</td>
<td>25</td>
<td>10</td>
<td>.038</td>
<td>50</td>
<td>18</td>
<td>7</td>
</tr>
</tbody>
</table>
Simple Pneumothorax Aspiration Accessory Set

Used in conjunction with pneumothorax aspiration catheters if incomplete expansion of the lung persists after mechanical aspiration of air.

FEATURES & BENEFITS

• Cook Chest Drain Valve permits continued re-expansion of the lung by natural forces, preventing inadvertent backflow of air into the pleural space.

COMPONENTS

• Cook Chest Drain Valve
• Connecting tube

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Connecting Tube Fr</th>
<th>Connecting Tube Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G05297</td>
<td>C-CASP-A-FORD</td>
<td>14.0</td>
<td>30</td>
</tr>
</tbody>
</table>
Thal-Quick Chest Tube Sets - Single Lumen
Used for pleural fluid drainage.

FEATURES & BENEFITS
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Radiopaque catheter enhances x-ray visualization.
- Marked dilator facilitates controlled insertion of chest tube into the pleural cavity.

COMPONENTS
- Scalpel
- EchoTip echogenic introducer needle
- Amplatz Extra-Stiff Wire Guide
- Centimeter-marked dilators
- Chest tube inserter
- Thal-Quick Chest Tube

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Fr</th>
<th>Length cm</th>
<th>Sideports</th>
</tr>
</thead>
<tbody>
<tr>
<td>G06786</td>
<td>C-TQTS-800</td>
<td>8.0</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>G06787</td>
<td>C-TQTS-1000</td>
<td>10.0</td>
<td>20</td>
<td>3</td>
</tr>
<tr>
<td>G05161</td>
<td>C-TQTS-1200</td>
<td>12.0</td>
<td>22</td>
<td>3</td>
</tr>
<tr>
<td>G05777</td>
<td>C-TQTS-1400</td>
<td>14.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G04891</td>
<td>C-TQTS-1600</td>
<td>16.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G05453</td>
<td>C-TQTS-1800</td>
<td>18.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G05454</td>
<td>C-TQTS-2000</td>
<td>20.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G04137</td>
<td>C-TQTS-2400</td>
<td>24.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G04139</td>
<td>C-TQTS-2800</td>
<td>28.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G07243</td>
<td>C-TQTS-3200</td>
<td>32.0</td>
<td>41</td>
<td>4</td>
</tr>
<tr>
<td>G07241</td>
<td>C-TQTS-3600</td>
<td>36.0</td>
<td>41</td>
<td>4</td>
</tr>
</tbody>
</table>

EchoTip® echogenic introducer needle improves needle tip visibility during insertion and maximizes the benefits of ultrasound.
Thal-Quick Chest Tube Set – Double Lumen
Used for pleural fluid drainage.

FEATURES & BENEFITS
• Additional lumen available for aspiration or infusion.
• Sideports are positioned at the distal end of the chest tube.
• Radiopaque catheter enhances x-ray visualization.

COMPONENTS
• Scalpel
• Introducer needle
• Amplatz Extra-Stiff Wire Guide
• Centimeter-marked dilators
• Chest tube inserter
• Thal-Quick Chest Tube
• Needle holder cup
• Multipurpose tubing adapter

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Chest Tube Fr</th>
<th>Chest Tube Length cm</th>
<th>Chest Tube Sideports</th>
</tr>
</thead>
<tbody>
<tr>
<td>G36224</td>
<td>C-DLCTS-2400</td>
<td>24.0</td>
<td>40</td>
<td>4 large, 4 small</td>
</tr>
</tbody>
</table>
Thal-Quick Chest Tube Adapter
Used to provide separate sampling or infusion port within Thal-Quick Chest Tubes.

FEATURES & BENEFITS
• Accepts 8.0-36.0 Fr

COMPONENTS
• Thal-Quick Chest Tube Adapter
• Three-way stopcock

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Accepts Fr</th>
</tr>
</thead>
<tbody>
<tr>
<td>G07467</td>
<td>C-TQF-28.0</td>
<td>8.0-36.0</td>
</tr>
</tbody>
</table>
Multipurpose Catheters

Fuhrman Pleural/Pneumopericardial Drainage Sets
Used for evacuation of air from the pericardial sac or to drain air or fluid from the pleural space.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>Wire Guide Tip Configuration</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G55723</td>
<td>C-PPD-850-IMH</td>
<td>8.5</td>
<td>15</td>
<td>6</td>
<td>.028</td>
<td>40</td>
<td>2 mm J</td>
<td>18</td>
<td>7</td>
</tr>
<tr>
<td>G55713</td>
<td>C-PPD-500-WCE-IMH</td>
<td>5.0</td>
<td>15</td>
<td>6</td>
<td>.028</td>
<td>40</td>
<td>2 mm J</td>
<td>18</td>
<td>5</td>
</tr>
<tr>
<td>G55714</td>
<td>C-PPD-600-WCE-IMH</td>
<td>6.0</td>
<td>15</td>
<td>6</td>
<td>.028</td>
<td>40</td>
<td>2 mm J</td>
<td>18</td>
<td>5</td>
</tr>
<tr>
<td>G55715</td>
<td>C-PPD-850-WCE-IMH</td>
<td>8.5</td>
<td>15</td>
<td>6</td>
<td>.028</td>
<td>40</td>
<td>2 mm J</td>
<td>18</td>
<td>5</td>
</tr>
<tr>
<td>G55716</td>
<td>C-PPD-1020-WCE-IMH</td>
<td>10.2</td>
<td>15</td>
<td>6</td>
<td>.028</td>
<td>40</td>
<td>2 mm J</td>
<td>18</td>
<td>5</td>
</tr>
</tbody>
</table>

*Sets with “WCE” in reference part number have cm markings on pigtail catheter.

FEATURES & BENEFITS
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Sideports are positioned within catheter pigtail.
- Pigtail catheter has centimeter markings.*
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Introducer needle
- Wire guide
- Dilator
- Radiopaque pigtail catheter
- Three-way stopcock
- Multipurpose tubing adapter
Pleural/Pneumopericardial Drainage Set
Used for evacuation of fluid from the pleural space in neonates.

FEATURES & BENEFITS
- Trocar placement.
- Sideports are positioned within catheter pigtail.
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Introducer needle
- Peel-Away® straightener
- Radiopaque pigtail catheter
- Multipurpose tubing adapter
- Syringe

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G55718</td>
<td>C-PPDJ-500-WOOD-IMH</td>
<td>5.0</td>
<td>8</td>
<td>10</td>
<td>23</td>
<td>16</td>
</tr>
<tr>
<td>G55720</td>
<td>C-PPDJ-600-WOOD-IMH</td>
<td>6.0</td>
<td>8</td>
<td>10</td>
<td>22</td>
<td>16</td>
</tr>
</tbody>
</table>
Thoracentesis Set
Used to remove fluid from the pleural space.

FEATURES & BENEFITS
• Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
• Radiopaque catheter enhances x-ray visualization.

COMPONENTS
• Introducer needle
• Wire guide with 3 mm J tip
• Stiffening cannula
• Radiopaque catheter
• Connecting tube 100 cm
• Connecting tube 7.5 cm

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr/Length cm</th>
<th>Catheter Sideports</th>
<th>Stiffening Cannula gage/Length cm</th>
<th>Wire Guide Diameter/Length inch/cm</th>
<th>Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G03286</td>
<td>C-THS-850</td>
<td>8.5/22</td>
<td>4</td>
<td>18/24</td>
<td>.038/70</td>
<td>18/10</td>
</tr>
</tbody>
</table>
Pericardiocentesis Catheters

Pericardiocentesis Set
Used to drain fluid from the pericardial sac.

FEATURES & BENEFITS
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Stainless steel hub of introducer sheath needle permits constant electrocardiographic monitoring via alligator clip cable.
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Sheath needle
- Wire guide with 3 mm J tip
- Stiffening cannula
- Radiopaque catheter
- Alligator clip cable
- Connecting tube, 7.5 cm long
- Connecting tube, 5 cm long

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr/Length cm</th>
<th>Catheter Sideports</th>
<th>Stiffening Cannula gage/Length cm</th>
<th>Wire Guide Diameter/Length inch/cm</th>
<th>Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G03282</td>
<td>C-PCS-850</td>
<td>8.5/22</td>
<td>4</td>
<td>18/24</td>
<td>.038/70</td>
<td>18/15</td>
</tr>
</tbody>
</table>
Lock Pericardiocentesis Set
Used to drain fluid from the pericardial sac.

FEATURES & BENEFITS
• Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
• Radiopaque catheter enhances x-ray visualization.

COMPONENTS
• Introducer needle
• Wire guide with 3 mm J tip
• Dilator
• Radiopaque pigtail catheter
• Multipurpose tubing adapter

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr/Length cm</th>
<th>Catheter Sideports</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G02433</td>
<td>C-PCS-830-LOCK</td>
<td>8.3/40</td>
<td>6</td>
<td>.038</td>
<td>70</td>
<td>18/7, 12</td>
</tr>
</tbody>
</table>
Teitel Pediatric Pericardiocentesis Set
Used to drain fluid from the pericardial sac.

FEATURES & BENEFITS

• Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
• Stainless steel hub of introducer needle permits constant electrocardiographic monitoring via alligator clip cable.
• Radiopaque catheter enhances x-ray visualization.

COMPONENTS

• Introducer needle
• Wire guide with 3 mm J tip
• Dilator
• Radiopaque pigtail catheter
• Alligator clip cable
• Connecting tube, 7.5 cm long
• Connecting tube, 5 cm long

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr-Length cm</th>
<th>Catheter Sideports</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G05251</td>
<td>C-PCS-500-TTL</td>
<td>5.0/30</td>
<td>6</td>
<td>.028</td>
<td>60</td>
<td>19/6</td>
</tr>
</tbody>
</table>
Peritoneal Lavage Set
Used to infuse and withdraw rinsing solutions in the peritoneal cavity.

FEATURES & BENEFITS
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Catheter with 90 sideports enhances flow of lavage fluid.
- Radiopaque catheter enhances x-ray visualization.

COMPONENTS
- Introducer needle
- Straight safety wire guide
- Radiopaque catheter

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr/Length cm</th>
<th>Catheter Sideports</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>Needle gage/Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G05267</td>
<td>C-PLS-901</td>
<td>9.0/20</td>
<td>90</td>
<td>.038</td>
<td>40</td>
<td>18/7</td>
</tr>
</tbody>
</table>


CF Landers, MD. Division of Pulmonary and Critical Care Medicine, Sharp Memorial Hospital, San Diego, California.

DF Teitel, MD. Department of Pediatric Cardiology, University of California at San Francisco, San Francisco, California.